



436272

Aug 13 9 44 AM '90

 Boyle
 8-21-90
 OFFICE OF SOLID
 AND HAZARDOUS
 WASTE MGMT
 DEM

 Lake County Health Department Laboratory
 2293 N. Main Street
 Crown Point, Indiana 46307
Date: AUGUST 3, 1990To: GARY DEVELOPMENTBox 6056GARY, IN 4640645-2Attention: MR. LARRY HAGEN
Re: _____RESULTS ON WELL WATER
SAMPLES

Tabulated below are laboratory findings on well water samples collected on:

Date	Sample	pH	Chloride (ppm)	COD (ppm)	Calcium Hardness (ppm)	Total Iron (ppm)	Total Dissolved Solids (ppm)
8/1/90	South	6.9	3.3	120	76	8.1	1522
8/1/90	EAST	7.1	0.6	62	165	1.5	1051
8/1/90	North	6.8	0.6	146	188	7.5	2110
<u>WEST WELL AREA UNDER STANDING WATER</u>							

Thank you,

Chemist

Boyle 7-18-90

May 31 2 28 PM '90

OFFICE OF SOLID
AND HAZARDOUS
WASTE MGMT
DEM

Lake County Health Department Laboratory
2293 N. Main Street
Crown Point, Indiana 46307

IND 077 005 916

Date: May 25, 1990
To: GARY Development
Box 6054
GARY, IN 46406

Attention:
Re: MR. LARRY HAGEN
RESULTS ON WELL WATER
SAMPLES

Tabulated below are laboratory findings on well water samples collected on:

Date	Sample	pH	Chloride (ppm)	COD (ppm)	Calcium Hardness (ppm)	Total Iron (ppm)	Total Dissolved Solids (ppm)
<u>5/24/90</u>	<u>South</u>	<u>7.3</u>	<u>6.8</u>	<u>72</u>	<u>120</u>	<u>3.5</u>	<u>1105</u>
<u>5/24/90</u>	<u>EAST</u>	<u>7.6</u>	<u>2.2</u>	<u>48</u>	<u>24</u>	<u>0.9</u>	<u>381</u>
<u>5/24/90</u>	<u>West</u>	<u>7.5</u>	<u>8.0</u>	<u>68</u>	<u>36</u>	<u>0.4</u>	<u>552</u>
<u>5/24/90</u>	<u>North</u>	<u>6.9</u>	<u>2.4</u>	<u>98</u>	<u>124</u>	<u>2.5</u>	<u>2020</u>

Thank you,

Michael Kravitz
Chemist

MAY 31 1990 SAMPLES

Lake County Health Department Laboratory
2293 N. Main Street
Crown Point, Indiana 46307
Phone: 738-2020 X318

Dec 15 2 22 PM '88
OFFICE OF SOLID
AND HAZARDOUS
WASTE MGMT
DEM

Date: December 5 1988
To:

GARY Development

Box 6056

GARY, IN. 46406

Attention: MR. LARRY HABEN
Re:

RESULTS ON WELL WATER

Tabulated below are laboratory findings on well water samples collected on:

Date	Sample	pH	Chloride (ppm)	COD (ppm)	Calcium Hardness (ppm)	Total Iron (ppm)	Total Dissolved Solids (ppm)
<u>11/30/88</u>	<u>N</u>	<u>7.0</u>	<u>3.0</u>	<u>120.3</u>	<u>712</u>	<u>7.5</u>	<u>1880</u>
	<u>S</u>	<u>7.4</u>	<u>5.0</u>	<u>185.0</u>	<u>1400</u>	<u>4.25</u>	<u>1300</u>
	<u>E</u>	<u>7.6</u>	<u>2.0</u>	<u>97.3</u>	<u>1056</u>	<u>3.25</u>	<u>2150</u>
	<u>W</u>	<u>7.8</u>	<u>5.5</u>	<u>72.0</u>	<u>568</u>	<u>0.35</u>	<u>690</u>

Thank you,

Michael Krzywicki

Chemist

HERE ARE THE TEST RESULTS
FOR OUR 4 WELLS, THE FIRST SET
= SAMPLES AT END OF OCT, WERE
LOST OR MISPLACED AT LAB.
RESAMPLED IN NOV.

L. Haben

LAKE COUNTY HEALTH DEPARTMENT

LAKE COUNTY GOVERNMENT CENTER
2293 NORTH MAIN STREET
CROWN POINT, INDIANA 46307
PHONE: 738-2020 OR 663-0760



FEB 13 2 23 PM '87

PEARL D. JOHNSON, M.D.
HEALTH COMMISSIONER
OFFICE OF SOLID AND HAZARDOUS
WASTE MGMT
DEM February 6, 1987

Mr. Larry Hagen
Gary Development Company
Box 6056
Gary, Indiana 46406

Dear Mr. Hagen,

This is a letter report of the analysis performed on three samples of well water, which were delivered to this laboratory on January 30, 1987.

<u>Sample</u>	<u>pH</u>	<u>Chloride</u>	<u>COD</u>	<u>Calcium Hardness</u>	<u>Total Iron</u>	<u>Total Dissolved Solids</u>
South	7.2	93.6	1134.1	977.2	157.0	2026
East	7.7	81.8	3594.5	315.4	134.0	1812
West	7.6	159.1	229.2	354.6	10.8	1022

Note: Units of concentration for Chloride, COD, Hardness, Iron and Dissolved Solids are parts-per-millions (ppm).

If you have any questions, please contact me at this office.

Sincerely,

Cheryl Pauer

Cheryl Pauer
Chemist

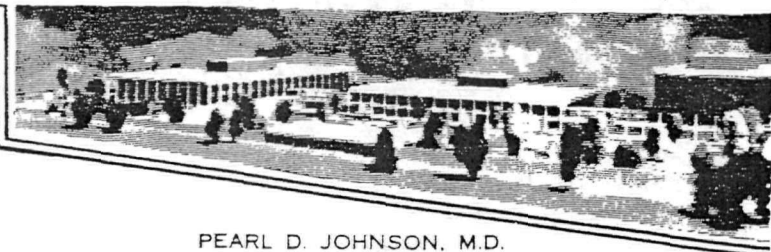
WELL # 4 THE NORTH WELL, WAS
LOST IN THE SNOW, COULD NOT FIND
AT TIME OF SAMPLING.

L. Hagen

LAKE COUNTY HEALTH
DEPARTMENT



LAKE COUNTY GOVERNMENT CENTER
2293 NORTH MAIN STREET
CROWN POINT, INDIANA 46307
PHONE: 738-2020 OR 663-0760



PEARL D. JOHNSON, M.D.
HEALTH COMMISSIONER

November 21, 1986

Mr. Larry Hagen
Gary Development Company
Box 6056
Gary, Indiana 46406

- IND 077 005 916

RECEIVED

DEC 10 1986

SOLID WASTE BRANCH
U.S. EPA REGION IV

Dear Mr. Hagen,

This is a letter report of the analysis performed on four samples of well water, which were delivered to this laboratory on November 6, 1986.

<u>Sample</u>	<u>pH</u>	<u>Chloride</u>	<u>COD</u>	<u>Calcium Hardness</u>	<u>Total Iron</u>	<u>Total Dissolved Solids</u>
North	7.2	15.0	356	570.0	91.9	1352
South	7.2	77.6	360	1388.4	96.6	2628
East	7.6	51.7	978	574.6	114.0	2190
West	7.7	104.0	50	223.4	2.1	700

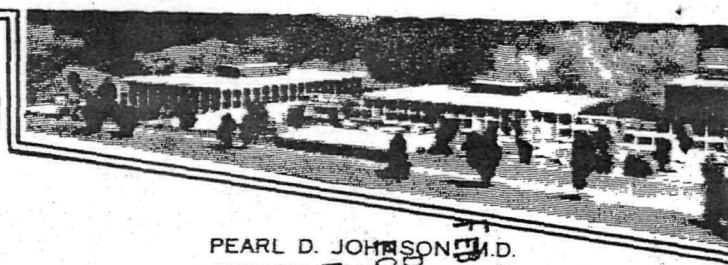
Note: Units of concentration for Chloride, COD, Hardness, Iron and Dissolved Solids are parts-per-million (ppm).

If you have any questions, please contact me at this office.

Sincerely,

Cheryl Pauer
Cheryl Pauer
Chemist

LAKE COUNTY HEALTH DEPARTMENT



LAKE COUNTY GOVERNMENT CENTER
2293 NORTH MAIN STREET
CROWN POINT, INDIANA 46307
PHONE: 738-2020 OR 663-0760

PEARL D. JOHNSON, M.D.
HEALTH COMMISSIONER
February 6, 1986

RECEIVED
FEB 10 3 05 PM '86
DIVISION OF LAND
DEVELOPMENT CONTROL
STATE BOARD OF HEALTH

Gary Development Company
Box 6056
Gary, Indiana 46406

Attn: Mr. Larry Hagen

Given below are test data obtained from four samples of well water, which were delivered to this laboratory on February 6, 1986.

<u>Sample</u>	<u>pH</u>	<u>Chloride</u>	<u>COD</u>	<u>Calcium Hardness</u>	<u>Total Iron</u>	<u>Total Dissolved Solids</u>
North	7.2	20.0	368	349.4	0.16	1192
South	7.3	102.2	1184	934.4	0.10	1862
East	7.7	63.0	1067	232.2	0.08	1750
West	7.6	84.3	19	130.5	1.87	526

Note: Units of concentration for Chloride, COD, Hardness, Iron, and Dissolved Solids are parts-per-million.

Sincerely,

Cheryl A. Pauer

Cheryl A. Pauer
Chemist

SOLID WASTE BRANCH
U.S. EPA, REGION V

MAR 12 1986

RECEIVED